

How Hookworm Disease Is Contracted

Infected Dirt, Coming In Contact With the Skin, Starts the Trouble, and In a Few Weeks the Victim's Health Is Failing

A SMALL poultice of ordinary dirt may be applied to some part of the body. If it is clean dirt nothing unusual results. If the dirt has been polluted by the excrement of a person having hookworm disease then a queer thing happens. Where the poultice is applied an eruption will appear within a few hours' time. After a few days the eruption may heal, but the trouble has not ended. Only eight or ten weeks will have to pass before the person may find on examination that his intestines are inhabited by bloodsucking hook-

To know how to prevent getting hookworm disease is of vital importance to every one. By understanding how the disease spreads we may better know how to prevent infection. Every person who has hookworm disease is casting from the body each day between 1,000,000 and 4,000,000 hookworm eggs. These eggs require only two or three days to hatch into infecting larvae, or very, very small worms, which will live for months in the soil, awaiting an opportunity to enter the system of a human being. They gain entrance through the skin of the feet or by the



AN EXTREMELY BAD CASE.

This is a picture of Selma Ellis, who was heavily infected with hookworms. Sixteen years old, weight sixty-two and a half pounds, anæmic ulcer on leg; had been sick for eight years or half of his young life. This picture was made when his case first came up for treatment. Seven weeks later he was up and walking about, his weight had increased to seventy-nine pounds, all the hookworms were gone and the count of red corpuscles in his blood had increased from 1,050,000 to 4,572,500. The ulcer was healing and was almost well.

worms and that his health is failing. The eruption is identical with what we see so often in the summer and call "ground itch," or "toe itch." This is the beginning of hookworm disease. Hookworm disease then is usually contracted by those who go barefoot in warm weather, where the soil is damp and where human excrement, which is laden with the eggs of the hookworms, in some way has been scattered. Only a few hours are required for the eggs to hatch, and within a week the little larvae or worms are ready to bore into the skin and produce ground itch.

They are too small to be seen with the naked eye, but when they get into the bowels they grow rapidly and soon reach a size sufficient for them to be easily recognized by the unaided eye. Persons have been treated who unsuspectingly were carrying around three or four thousands of these little bloodsuckers, having their strength sapped, but they knew not how.

mouth with contaminated food, such as strawberries, peaches, etc. When they enter by the feet they cause ground itch.

If every person would use privies provided with some water tight receptacle to receive all the excrement and the receptacle contents were protected from flies and other living creatures until they could be deeply buried or otherwise disposed of in a sanitary way no hookworm eggs ever could hatch, there would be no new hookworm larvae waiting in the soil to get into the body, and those now living in the ground would perish in about twelve months. Then there would be no new infections—that is to say, no new recruits would join the hookworms now inhabiting human intestines. As the worms will not multiply in the bowels old age would overtake those now living, so that within about ten years—their life period—all will have died of old age. If this plan could be carried out it would take only ten years to eradicate the disease completely.

Eastern Kentucky News

GET READY FOR WINTER TERM

The Winter Term of Berea College opens on Wednesday, Jan. 1st. Students should be on hand if possible on Monday or Tuesday but it is not advisable for them to come before that time.

The attendance in all departments has been growing very rapidly, and last winter a good many students had to be turned away for lack of accommodations. This year some new buildings are under construction, and several dwelling houses will be equipped for use of students. It is very important, however, for all that are intending to be here to engage rooms in advance. A moment's thought will show that it is impossible to provide accommodations for an unlimited number on short notice. All who intend to be here for the Winter Term should write immediately, and send One Dollar for deposit for reservation of a room so that we shall be sure that they are really coming. I shall be glad to correspond and answer questions.

Cordially yours,

D. Walter Morton, Secretary,
Berea, Ky.

JACKSON COUNTY

McKee, Dec. 2.—The Fiscal court met on the 27th ult. to let a contract for building a new jail at this place, but no contract was awarded. There were three bids received for the building as follows: J. R. Burchell of Manchester, \$12,850; the Pauley Jail Building Co., \$14,380; and the Stewart Iron Works Co., a little over \$17,000. The court thought that in a few months they could get the building done much cheaper, and so they rejected all the bids.—Collector Elliott, of London with some other men to assist him, cut up a moonshine still here on Sunday night. They found no whiskey, but some beer.—Dr. J. D. Hays and family and John

Fowler returned home Sunday from Florida.—J. C. Russell stopped over in town a few days last week with his daughter, Mrs. J. R. Hays, while on a drumming trip.—W. E. Farmer of Berea passed through here last week.—Rev. I. T. Messier and family and the teachers of the Academy went to Annville last Thursday to spend Thanksgiving.—J. J. Davis was in London part of last week on business.—The Misses Emma and Grace Sparks visited at their uncle's, Wm. Sparks of Eggleston, the latter part of last week.—A large crowd of young people from here attended Sunday School at the Smith School house last Sunday afternoon.—Rev. T. B. Stratton of Barbourville preaches here on the 3rd and 4th days of this month.—Mrs. Zeymer of Annville was visiting here the latter part of last week.

KERBY KNOB

Kerby Knob, Dec. 2.—A good rain fell here this morning which was badly needed as water was getting low.—Ambrose Powell's little son, Luther, was seriously burned, Nov. 27th, by his clothing catching fire, his sister Almer, being in an adjoining room, heard his screams and reached him in time to save his life, but one of her hands was badly burned.—N. B. Williams had an addition to a dining room and kitchen built to his dwelling last week.—James Click has had his dwelling newly covered.—Tom Click and family visited at G. W. Johnson's, Sunday.—We are sorry to learn that Cam Moore, who has made his home in Indiana for the last few years is low with consumption. His death is expected at any time.

ISAACS

Isaacs, Nov. 29.—We are still enjoying some very pleasant weather.—Most farmers are done gathering corn.—G. W. Pennington is erecting a new dwelling house.—Granville Riley has returned from the moun-

tains where he has been visiting his son, George, who has been very sick.—There was a Thanksgiving meeting at Wilson's chapel, Wednesday night and Thursday.—Died, Nov. 17, Mrs. Polly Ingram. We extend our sympathy to her bereaved family.—Mrs. Mandy Brewer is on the sick list.—R. E. Taylor and Tom Brewer are still wagoning.—A. J. Simpson made a business trip to Annville on the 28th.—Ed Little cut his foot very badly.—A. H. Parrett and H. C. Davis are working for G. W. Pennington.—Jerry York is erecting a new dwelling house for Sate Wilson.

ROCKCASTLE COUNTY

Boone, Dec. 2.—The Holiness prayer meeting will be held at Flat Gap, Wednesday night. Everybody is invited to come.—Oscar Sims and Alex Knuckles who have been in Muncie, Ind., for quite a while returned home last week.—Mrs. B. B. Chastee who has been quite ill for some time is some better.—Mr. and Mrs. Blair of near Snider are visiting relatives in Harlan County.—J. H. Lambert's store was broken into, Saturday night. The damage done by the burglars is not yet known.—Mrs. Henry Gadd and Mrs. T. S. Coffey of Brownsburg, Ind., are visiting their father and mother, Mr. and Mrs. B. Chastee.—Mrs. Mattie Coyle of near Rockford visited relatives in Berea, Sunday.—Joe Wren of near this place moved to Scaffold Cane last week.—Mrs. James Vaughn who has been ill for some time is able to be out again.

DISPUTANTA

Disputanta, Nov. 30.—R. A. Swinford has built a new cellar.—Married on the 21st, J. D. Thomas to Ophelia Anglin. We wish them a long life of happiness.—Rocco, the little son of T. C. Holt, was run over by a wagon and narrowly escaped being killed.—Mrs. Jno. Young has lagrippe.—Mrs. Margaret Shearer is sick.—Most everybody is killing hogs this fine weather.—Bradley Lake passed thru here today buying furs.—Mr. W. H. Thomas has been sick with lagrippe for the last two weeks.

ROCKFORD

Rockford, Dec. 2.—Married a few days ago, John D. Thomas to Miss Ophelia Anglin. We wish them a long and happy life.—W. H. Stephens who has been to Richmond returned home, Sunday.—W. T. and Hugh Linville went to Richmond, Sunday.—Bertha Bullen visited Bernice Todd, Sunday.—Jesse Bullen and wife who left for Illinois some time ago are expecting to return home in a few days.—T. C. Viars and daughter, Beulah, visited J. E. Dalton and family of Berea, Saturday and Sunday.—Mrs. A. T. Abney visited her daughter, Mrs. Parrie L. Stephens, Saturday night.—J. A. Guinn purchased a farm from J. C. Guinn for \$1,000. The farm is near the Scaffold Cane church house. He is having a new dwelling house built.—Mr. McCollum and family are expecting to move back to their old home near Scaffold Cane soon.—Protracted meeting is expected to begin at Scaffold Cane Methodist church, Dec. 16th. Everybody is invited to come.

OWSLEY COUNTY

Earnestville, Nov. 25.—Snow was falling fast here yesterday.—Everybody in this section is busy gathering corn. Corn crops are good here. B. N. Minter was compelled to build a new crib to hold his corn.—Bige Turner is building a nice barn and Joseph M. Tackett of Travelers Rest has just completed the best barn in town.—Miss Callie Brandenburg and her brother, Lee, visited relatives in Jackson County last Sunday.—There is some prospect of a railroad passing through this place soon. A party of seven men passed thru here last week surveying. They surveyed from this place up Wild Dog. They are planning to run a railroad to a large tract of timber land near McKee in Jackson County. There is also some talk of the L. and N. R. Co. building a line through this place and on up Little Sturgeon and down Island Creek to a large tract of timber on Upper Buffalo in the eastern part of Owsley County.—Miss Myrtle Ward, the deaf and dumb daughter of Rev. Jas. Ward, has been attending school at Bradshaw, taking instructions under S. A. Caudill for the past four months. She is getting along in her studies remarkably well. She is 18 years of age and has had some teaching at the State school for the deaf at Danville.

STURGEON

Sturgeon, Nov. 25.—The first snow fell here, Sunday, Nov. 24th.—Born to the wife of L. B. Brewer, a girl. Her name is Gaudie.—Scott Peters family of Island City was visiting here the past week, while on their way to Berea.—Congleton's stove mill near here caught on fire, Friday night, and was considerably damaged. This is the second time it has caught recently.—Jonathan Hartsock had \$74.90 stolen from his room. The

exact time it was taken is unknown.—Jas. Peters of Blake is a candidate for jailor.—Arthur Welch is spending a few weeks in Travelers Rest.—Elba Smith is at home from Hamilton.—Charlie Pierson and wife are expected to leave for Oklahoma soon where they will make their future home.—Fannie Thomas visited Bent Pierson and wife of Greenhall, Saturday and Sunday.—Reuben Hughes of Greenhall was visiting at D. T. Strong's, Sunday.—Quite a lot of the young folks here are planning to spend Thanksgiving at Island City.

POSEY

Posey, Nov. 29.—The Thanksgiving exercises given at the Buck Creek graded school were a success in every way. About half past nine o'clock the Vincent graded school, which rendered a good part of the program, appeared on the grounds. After marching and giving some yells, the children all marched into the Chapel room, which was filled to its utmost. There was scarcely standing room for all, but in spite of the crowded room a good program was rendered and everybody seemed to enjoy the day, and especially the beautiful dinner which was spread by the good women of the Buck Creek District.—Rev. Harvey Johnson filled his regular appointment at Clifty church last Sunday.—Mr. and Mrs. Tillman Hale spent the day with Mr. and Mrs. Herd last Sunday.—O. J. Judd and Miss Elizabeth Scoville made a business trip to Beattyville last Saturday.—Miss Ollie Hughes has been visiting the school and Miss Scoville the past week.—Mrs. Walter Mainous is on the sick list.—Sanford Rowland has moved his saw mill back from Sturgeon near his home and has attached a grist mill to it.—Miss Nell Johnston spent Thursday night with Miss Mary Combs.—Walter Mainous made a business trip to Booneville last Wednesday.—Jesse Herd made a business trip to Beattyville last Wednesday.—Letcher Byrd of Winchester passed thru here with a large drove of cattle, Thursday.—The whooping cough is raging in the adjoining district but so far none in this district have it; however, several of the parents have taken their children away from school on account of it being so near.

CONKLING

Conkling, Nov. 29.—Hogs are dying in this locality.—The weather for the last week registers the coldest of the season. We had a light snow on the 24th and the 27th.—Several of our friends, relatives and neighbors have been on the pony list for some time, but those who are well have been enjoying eating pork and pumpkin.—Messrs. Henderson and Vincent Day, the former of Virginia and the latter of Menefee County, came last week to see their sick father, Beatty Day, who is reported no better.—Elder Jas. Anderson held service at Brookside school house on the night of the 23rd, the text being Matt. 5-20. Quite a crowd of folks were in attendance.—Wm. McCollum and little son, Kash, and the Misses Maude and Kate Anderson of this place attended the entertainment and big dinner given by the Island graded school, Thanksgiving, and reported a nice time.—By special invitation a crowd of young folks enjoyed the nice dinner given by Miss Addie Wilson, Sunday.—Elder J. W. Anderson accompanied by his daughter, Maude, went to Booneville on business, Tuesday.—Miss Mary McCollum attended church at Macedonia last Saturday but on account of a cold was unable to attend on Sunday.—Miss Zona Blake entertained quite a crowd of young people at her home last Sunday.

COW CREEK

Cow Creek, Nov. 29.—John Frost, Jr., was at Buckhorn last Friday and Saturday on business.—Prayer meeting has been organized at Esau and is progressing nicely.—James and Henry Gabbard were at Talliga last Friday.—John Gabbard visited relatives in Jackson County last week.—W. N. Duff purchased a yoke of oxen from Isaac Gabbard for one hundred dollars.—L. G. Moore is doing carpenter work on Longs Creek.—The first snow of the season fell here, Sunday, Nov. 24th.—R. W. Minter and son, Ralph, were on Buck Creek, Monday, after some hogs.—Lawrence Gabbard visited relatives at Booneville last Friday, Saturday and Sunday.—Mr. and Mrs. J. K. Gabbard are the parents of a fine girl.—C. B. Gabbard was at Jackson, Ky., last Friday and Saturday.—The Misses Pearl, Lucy and Hazel Gabbard have a new organ with which they are well pleased.—Circuit Court will begin at Booneville the second Monday in December.—Mr. and Mrs. Wm. States of Wolf Creek got their house burned last week including all their household goods.

SEBASTIAN

Sebastian, Nov. 28.—We had a nice snow for Thanksgiving.—J. D. Chadwell who is teaching school on Lucky Fork has gone home to spend Thanksgiving.—Mrs. Arka Gabbard and little

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daughter, Mabel, have gone to Perry County to visit relatives.—Richard Gilbert is still hauling cross ties for Mrs. M. Gabbard.—J. S. Turner and pupils are planning to have a Christmas tree and entertainment at the close of his school.—Jerry and Ned Roberts have gone to Athol with a load of produce.—C. S. Sanders of Booneville is now at Buffalo on a business trip.

MADISON COUNTY

SILVER CREEK

Silver Creek, Dec. 1.—Rev. Brookshire filled his regular appointment at Silver Creek, Saturday and Sunday.—Mrs. Mart Baker spent Friday evening with Mrs. C. T. Todd.—Mrs. Sallie Burnell spent Thursday with her sister, Mrs. Jim Gabbard.—Miss Nannie Johnson who has been sick in the hospital for some time is able to be at home again.—Curt Mullins from Wallacetown spent Saturday night with Sam Kelly.—Miss Iva Anderson spent Sunday with Miss Grace Johnson.—Mrs. Anna Davis and three children spent Sunday with Mrs. C. F. Kelly.—Ben Davis spent Sunday with Forest Dowden.—Miss Maggie Anderson is visiting her sister, Mrs. Jesse Moore, this week.—Alfred Johnson and little son, Gilbert, spent Sunday with his mother and father.—Mr. and Mrs. W. A. Johnson and Jim Gabbard and little grandchild spent Sunday with C. F. Kelly.—The Ladies Aid Society meets at Silver Creek, Tuesday evening, Dec. 17th.

BLUE LICK

Blue Lick, Dec. 1.—Mrs. L. K. Flanery accompanied by her daughter, Sallie F., and Miss Alberta Norwell, were shopping in Richmond, Saturday.—John Terrell and wife of Dreyfus visited in this vicinity, Saturday and Sunday.—W. L. Flanery is erecting a new stock barn on his farm which he recently bought of A. C. Johnson.—Elias Davis of Lowell spent Saturday night with Mrs. Sallie Harris.—Traveling salesman, John Johnson, spent last week with home folks.—W. C. Haley has sold his farm to Tom H. Harris for six hundred dollars. It is known as the Gabriel Foley place.—Miss Alberta Norwell who is teaching the Blue Lick school gave a very interesting exhibition, Wednesday afternoon, in addition to the school program. Prof. Clark of Berea gave a very interesting talk on scientific farming.—Bess Moore has moved to Berea.—Willard Benze who has been confined with typhoid so long is now enjoying good health.

BIG HILL

Big Hill, Nov. 25.—Mrs. Emily Hurley is slowly improving from a serious case of typhoid.—Philip Hayes is able to stir about again after a severe attack of lagrippe for about a month.—The pie supper held at Pilot Knob school house, Saturday night a week ago was for the benefit of the Owsley Fork church.—The pie supper at Mallory Springs was for the benefit of the library.—The one held at Red Lick school house was for its proceeds to aid in a Christmas tree.—Mrs. Martha Durham and her sister, Mrs. Della Hazlewood of Richmond, spent a few days with their parents, Mr. and Mrs. Joseph Reece, of this place.—H. H. Harrison of Berea has been spending a few days with his grandfather, P. Hayes, who has been sick.—Mrs. Julia Hayes has a carpet for sale fine woven. For particulars call at her home or write Lucy Hayes, Big Hill, Ky.

KINGSTON

Kingston, Nov. 30.—Chas Powell spent last week with relatives in

Jackson County.—Mrs. Emma Gibson of Lexington is spending this week with her mother, Mrs. J. M. Boen.—The Misses Beale and Tressie Riddle, Bertha Harp and Pearl Riddle spent last week with their cousin, Mrs. Julia Maupin.—Mrs. Nola Quinn is very sick with rheumatism.—Several were entertained at the home of John C. Powell, Thanksgiving.

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